

Push-On SMP Female to MMBX Plug Snap-On Adapter, With Male C enter Contact



RF Adapters Technical Data Sheet

ET12451

Configuration

- Push-On SMP Female Connector 1
- Snap-On MMBX Plug Connector 2

- 50 Ohms
- Straight Body Geometry

Features

- Max VSWR of 1.25:1 up to 6 GHz
- Gold Plated Beryllium Copper Contact

- Reliable Snap-On connection method
- Mechanical misalignment tolerance of 4.5°/0.7mm Max

Applications

- Allows Connection Between Series
- General Purpose Test
- Low cost blind mate interconnect
- Multi circuit board radios
- Board to board applications requiring multiple coaxial connections

Description

Ebeestock's ET12451 push-on SMP female to MMBX plug snap-on adapter, is part of our full line of RF components available for same-day shipping. Our SMP to MMBX adapter has a female to plug gender configuration. ET12451 SMP female to MMBX plug adapter is gold plated and operates to 6 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 maximum.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Ebeestock also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

1.25:1	GHz
0.00	
0.36	dB
300	Vrms
500	Vrms
	MOhms
	500

Mechanical Specifications

Size

 Length
 0.3 in [7.62 mm]

 Width
 0.15 in [3.81 mm]

 Weight
 0.0005 lbs [0.23 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Push-On SMP Female to MMBX Plug Snap-On Adapter, with male center contact ET12451

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



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Description	Connector 1	Connector 2
Туре	SMP Female	MMBX Plug
Polarity	Standard	Standard
Mating Cycles	100	100
Contact Captivation Axial Force, Min	2.25 lbs [1.02 Kg]	2.25 lbs [1.02 Kg]

Material Specifications

Connector 1		Connector 2		
Material	Plating	Material	Plating	
Push-On SMP Female		Snap-On MMBX Plug		
Beryllium Copper	Gold	Beryllium Copper	Gold	
PTFE		PTFE		
Brass	Gold	Beryllium Copper	Gold	
Beryllium Copper	Gold	Beryllium Copper	Gold	
	Material Push-On SMP Female Beryllium Copper PTFE Brass	MaterialPlatingPush-On SMP FemaleGoldBeryllium CopperGoldPTFEGold	MaterialPlatingMaterialPush-On SMP FemaleSnap-On MMBX PlugBeryllium CopperGoldBeryllium CopperPTFEPTFEBrassGoldBeryllium Copper	

Environmental Specifications Temperature

Operating Range

-55 to +155 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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
Push-On SMP Female to MMBX Plug Snap-On Adapter, with male center contact from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

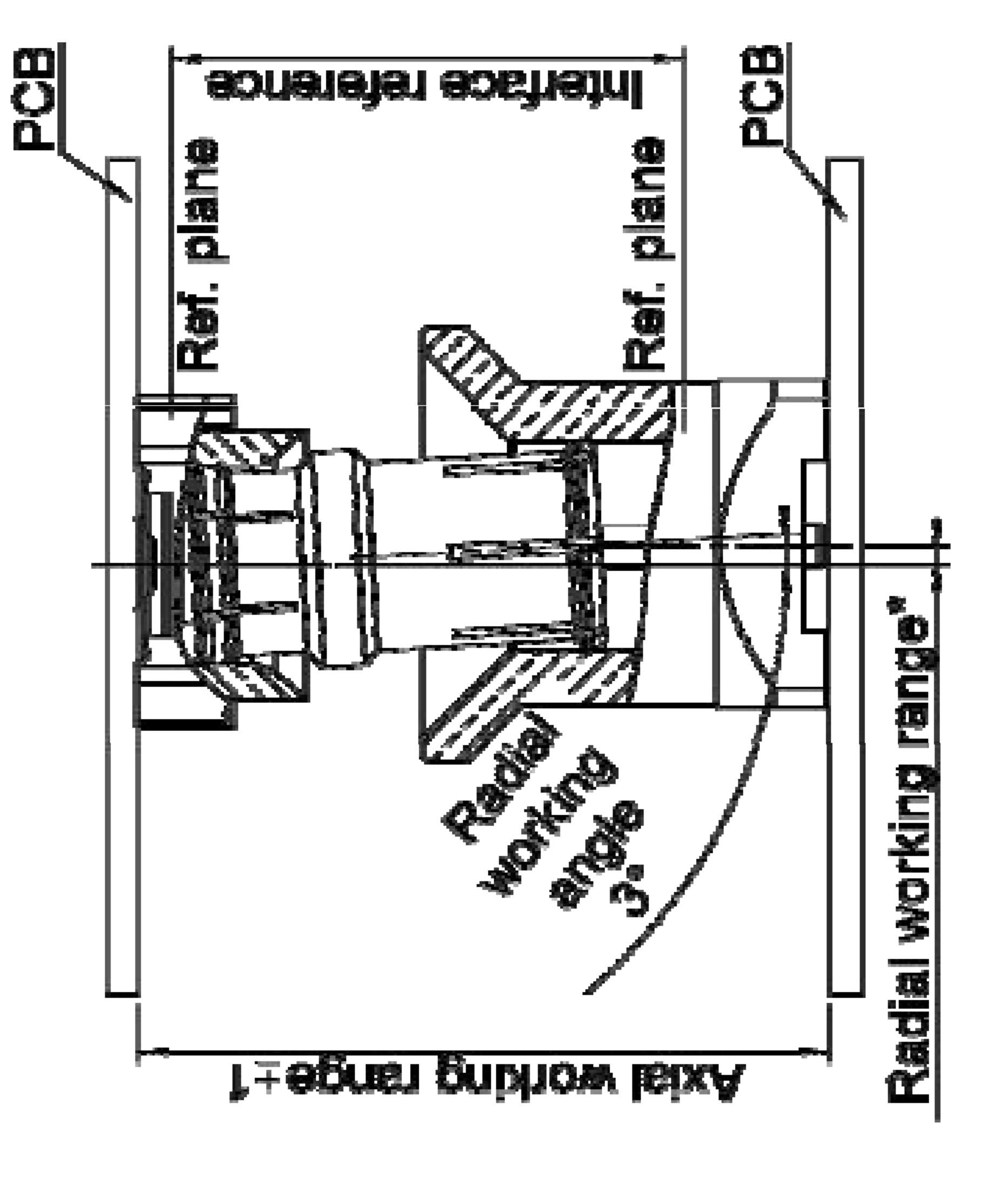
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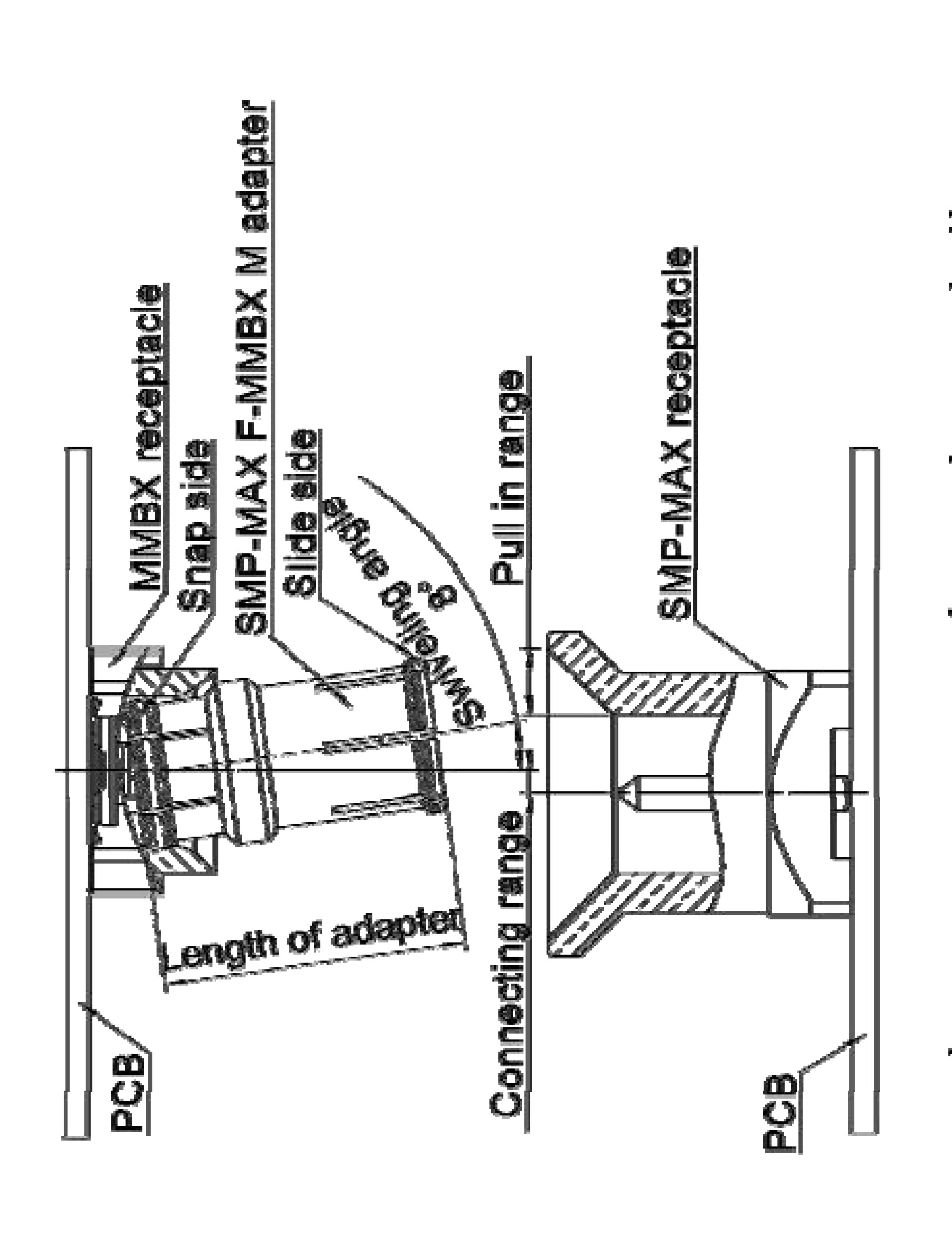
URL: https://www.ebeestock.com/push-on-smp-female-to-mmbx-plug-snap-on-adapter-with-male-center -contact-0012451

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

PE91364 CAD Drawing
Push-On SMP Female to MMBX Plug Snap-On Adapter, with male center contact







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A blind assemb than connecting